

Figure 1

GAGGTCCAGCTGGTGCAGTCTGGGGCTGAGGTGAAGAAGCCTGGGGTCCTC	50
GGTGAAGGTCTCCTGCAAGGCTTCTGGAGGCACCTTCAGCAGCTATGCTA	100
TCAGCTGGGTGCGACAGGCCCCCTGGACAAGGGCTTGAGTGGATGGGAGGG	150
ATCATCCCTATCTTTGGTACAGCAAACCTACGCACAGAAGTTCCAGGGCAG	200
AGTCACGATTACCGCGGACAAATCCACGAGCACAGCCTACATGGAGCTGA	250
GCAGCCTGAGATCTGAGGACACGGCCGTGTATTACTGTGCGAGAGCGCCA	300
TTACGATTTTTTGGAGTGGTCCACCCAAGACCACTACTACTACTACTACAT	350
GGACGTCTGGGGCAAAGGGACACGGTCACCGTCTCAAGC	390

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Figure 2

EVQLVQSGAEVKKPGSSVKVSCKASGGTFSS <u>YAI</u> SWVRQAPGQGLEWMGG	50
<u>IIP</u> IFGTANYA <u>QKFQ</u> GRVTITADKSTSTAYMELSSLRSEDVAVYYCAR <u>A</u> P	100
<u>LR</u> FLEWSTQDHYYYYYMDVWGKGTTVTSS	130

Figure 3

ATGGGATGGTCATGTATCATCCTTTTTCTAGTAGCAACTGCAACTGGAGT	50
ACATTCAGAGGTCCAGCTGGTGCAGTCTGGGGCTGAGGTGAAGAAGCCTG	100
GGTCCTCGGTGAAGGTCTCCTGCAAGGCTTCTGGAGGCACCTTCAGCAGC	150
TATGCTATCAGCTGGGTGCGACAGGCCCTGGACAAGGGCTTGAGTGGAT	200
GGGAGGGATCATCCCTATCTTTGGTACAGCAAACCTACGCACAGAAGTTCC	250
AGGGCAGAGTCACGATTACCGCGGACAAATCCACGAGCACAGCCTACATG	300
GAGCTGAGCAGCCTGAGATCTGAGGACACGGCCGTGTATTACTGTGCGAG	350
AGCGCCATTACGATTTTTTGGAGTGGTCCACCCAAGACCACTACTACT	400
ACTACATGGACGTCTGGGGCAAAGGGACCACGGTCACCGTCTCAAGCGCC	450
TCCACCAAGGGCCCATCGGTCTTCCCCCTGGCACCCCTCCTCCAAGAGCAC	500
CTCTGGGGGCACAGCGGCCCTGGGCTGCCTGGTCAAGGACTACTTCCCCG	550
AACCGGTGACGGTGTCTGTGGAACCTCAGGCGCCCTGACCAGCGGCGTGAC	600
ACCTTCCCCGGCTGTCCTACAGTCCTCAGGACTCTACTCCCTCAGCAGCGT	650
GGTGACCGTGCCCTCCAGCAGCTTGGGCACCCAGACCTACATCTGCAACG	700
TGAATCACAAGCCCAGCAACACCAAGGTGGACAAGAAAGTTGAGCCCAA	750
TCTTGTGACAAAACCTCACACATGCCACCGTGCCAGCACCTGAACTCCT	800
GGGGGGACCGTCAGTCTTCTCTTCCCCCCTCAAAACCCAAGGACACCCTCA	850
TGATCTCCCGGACCCCTGAGGTCAATGCGTGGTGGTGGACGTGAGCCAC	900
GAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGTGCA	950
TAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGGG	1000
TGGTCAGCGTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAG	1050
TACAAGTGCAAGGTCTCCAACAAAGCCCTCCCAGCCCCCATCGAGAAAAC	1100
CATCTCCAAGCCAAAGGGCAGCCCCGAGAACCACAGGTGTACACCCTGC	1150
CCCCATCCCGGGAGGAGATGACCAAGAACCAGGTGAGCCTGACCTGCCTG	1200
GTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGG	1250
GCAGCCGGAGAACAACCTACAAGACCACGCCTCCCGTGCTGGACTCCGACG	1300
GCTCCTTCTTCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAG	1350
CAGGGGAACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACCA	1400
CTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA	1440

Figure 4

MGWSCIIILFLVATATGVHSEVQLVQSGAEVKKPGSSVKVSCKASGGTFSS	50
YAIWVRQAPGQGLEWMGGIIPFGTANYAQKFQGRVTITADKSTSTAYM	100
ELSSLRSEDTAVYYCARAPLRFLEWSTQDHYYYYYMDVWGKGTITVTVSSA	150
STKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVH	200
TFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKKVEPK	250
SCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSH	300
EDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKE	350
YKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCL	400
VKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQ	450
QGNVFSCSVMHEALHNHYTQKSLSLSPGK	479

Figure 5

TCTTCTGAGCTGACTCAGGACCCTGCTGTGTCTGTGGCCTTGGGACAGAC	50
AGTCAGGATCACATGCCAAGGAGACAGCCTCAGAAGCTATTATGCAAGCT	100
GGTACCAGCAGAAGCCAGGACAGGCCCTGTACTTGTCATCTATGGTAAA	150
AACAACCGGCCCTCAGGGATCCCAGACCGATTCTCTGGCTCCAGCTCAGG	200
AAACACAGCTTCCTTGACCATCACTGGGGCTCAGGCGGAAGATGAGGCTG	250
ACTATTACTGTAACTCCCGGGACAACAGTGATAACCGTCTGATATTTGGC	300
GGCGGGACCAAGCTGACCGTCCTCAGT	327

Figure 6

SSELTQDPAVSVALGQTVRITC <u>QGDSLRSYYAS</u> WYQQKPGQAPVLVIY <u>GK</u>	50
<u>NNRPSG</u> IPDRFSGSSSGNTASLTITGAQAEDEADYYC <u>NSRDNSDNRLI</u> FG	100
GGTKLTVLS	109

Figure 7

ATGGGATGGTCATGTATCATCCTTTTTCTAGTAGCAACTGCAACTGGAGT	50
ACATTCATCTTCTGAGCTGACTCAGGACCCTGCTGTGTCTGTGGCCTTGG	100
GACAGACAGTCAGGATCACATGCCAAGGAGACAGCCTCAGAAGCTATTAT	150
GCAAGCTGGTACCAGCAGAAGCCAGGACAGGCCCTGTACTTGTCATCTA	200
TGGTAAAAACAACCGGCCCTCAGGGATCCCAGACCGATTCTCTGGCTCCA	250
GCTCAGGAAACACAGCTTCCTTGACCATCACTGGGGCTCAGGCGGAAGAT	300
GAGGCTGACTATTACTGTAAC TCCCGGGACAACAGTGATAACCGTCTGAT	350
ATTTGGCGGCGGGACCAAGCTGACCGTCCTCAGTCAGCCCAAGGCTGCCC	400
CCTCGGTCACTCTGTTCCCGCCCTCCTCTGAGGAGCTTCAAGCCAACAAG	450
GCCACACTGGTGTGTCTCATAAGTGACTTCTACCCGGGAGCCGTGACAGT	500
GGCCTGGAAGGCAGATAGCAGCCCCGTCAAGGCGGGAGTGGAGACCACCA	550
CACCCTCCAAACAAAGCAACAACAAGTACGCGGCCAGCAGCTATCTGAGC	600
CTGACGCCTGAGCAGTGGAAGTCCACAGAAGCTACAGCTGCCAGGTCAC	650
GCATGAAGGGAGCACCGTGGAGAAGACAGTGGCCCCTGCAGAATGCTCTT	700
GA	702

Figure 8

<u>MGWSCIILFLVATATGVHSSSELTQDPAVSVALGQTVRITCQGDSLRSYY</u>	50
<u>ASWYQQKPGQAPVLVIYGKNNRPSGIPDRFSGSSSGNTASLTITGAQAED</u>	100
<u>EADYYCNSRDNSDNRLIFGGGTKLTVLSQPKAAPSVTLFPPSSEELQANK</u>	150
<u>ATLVCLISDFYPGAVTVAWKADSSPVKAGVETTTPSKQSNNKYAASSYLS</u>	200
<u>LTPEQWKSHRSYSCQVTHEGSTVEKTVAPAEC</u>	233

Figure 9

TCTTCTGAGCTGACTCAGGACCCTGCTGTGTCTGTGGCCTTGGGACAGAC	50
AGTCAGGATCACATGCCAAGGAGACAGCCTCAGAAGCTATTATGCAACCT	100
GGTACCAGCAGAAGCCAGGACAGGCCCTATTCTTGTCATCTATGGTGAA	150
AATAAGCGGCCCTCAGGGATCCCAGACCGATTCTCTGGCTCCAGCTCAGG	200
AAACACAGCTTCCTTGACCATCACTGGGGCTCAGGCAGAAGATGAGGCTG	250
ACTACTATTGTAAATCTCGGGATGGCAGTGGTCAACATCTGGTGTTTCGGC	300
GGAGGGACCAAGCTGACCGTCCTAGGT	327

Figure 10

SSELTQDPAVSVALGQTVRITCQGDSLRSYYATWYQQKPGQAPILVIYGE	50
NKRPSGIPDRFSGSSSGNTASLTITGAQAEDEADYYCKSRDGSGQHLVFG	100
GGTKLTVLG	109

Figure 11

ATGGGATGGTCATGTATCATCCTTTTTCTAGTAGCAACTGCAACTGGAGT	50
ACATTCATCTTCTGAGCTGACTCAGGACCCTGCTGTGTCTGTGGCCTTGG	100
GACAGACAGTCAGGATCACATGCCAAGGAGACAGCCTCAGAAGCTATTAT	150
GCAACCTGGTACCAGCAGAAGCCAGGACAGGCCCTATTCTTGTCATCTA	200
TGGTGAAAATAAGCGGCCCTCAGGGATCCCAGACCGATTCTCTGGCTCCA	250
GCTCAGGAAACACAGCTTCCTTGACCATCACTGGGGCTCAGGCAGAAGAT	300
GAGGCTGACTACTATTGTAAATCTCGGGATGGCAGTGGTCAACATCTGGT	350
GTTTCGGCGGAGGGACCAAGCTGACCGTCCTAGGTCAGCCCAAGGCTGCCC	400
CCTCGGTCACTCTGTTCCCGCCCTCCTCTGAGGAGCTTCAAGCCAACAAG	450
GCCACACTGGTGTGTCTCATAAGTGACTTCTACCCGGGAGCCGTGACAGT	500
GGCCTGGAAGGCAGATAGCAGCCCCGTCAAGGCGGGAGTGGAGACCACCA	550
CACCCTCCAAACAAAGCAACAACAAGTACGCGGCCAGCAGCTATCTGAGC	600
CTGACGCCTGAGCAGTGGAAGTCCCACAGAAGCTACAGCTGCCAGGTCAC	650
GCATGAAGGGAGCACCGTGGAGAAGACAGTGGCCCCCTGCAGAAATGCTCTT	700
GA	702

Figure 12

<u>MGWSCIILFLVATATGVHSSSELTQDPAVSVALGQTVRITCQGDSLRSYY</u>	50
ATWYQQKPGQAPILVIYGENKRPSGIPDRFSGSSSGNTASLTITGAQAED	100
EADYYCKSRDGSQHLVFGGGTKLTVLGQPKAAPSVTLFPPSSEELQANK	150
ATLVCLISDFYPGAVTVAWKADSSPVKAGVETTTPSKQSNNKYAASSYLS	200
LTPEQWKSHRSYSCQVTHEGSTVEKTVAPAEC	233

Figure 13

Heavy chain

CDR1

SYAIS

CDR2

GIIPIFGTANYAQKFQG

CDR3

APLRFLEWSTQDHYYYYYMDV

2F8/A12

Light chain

CDR1

QGDSLRSYYAS

QGDSLRSYYAT

CDR2

GKNNRPS

GENKRPS

CDR3

NSRDNSDNRLI

KSRDGSGQHLV

2F8

A12

Figure 14

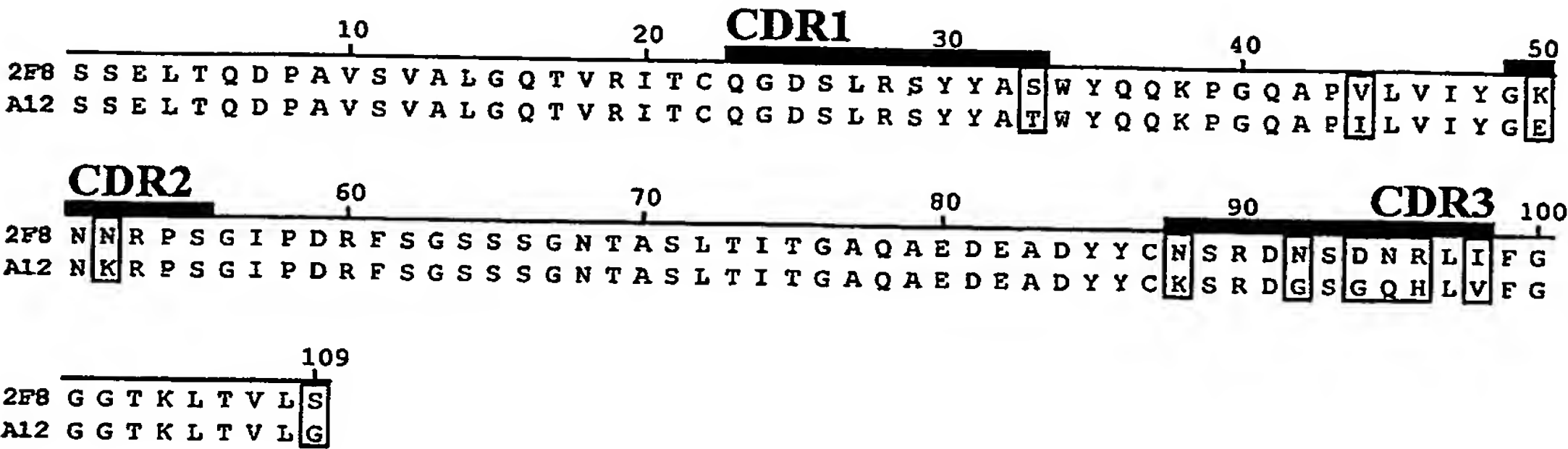


Figure 15

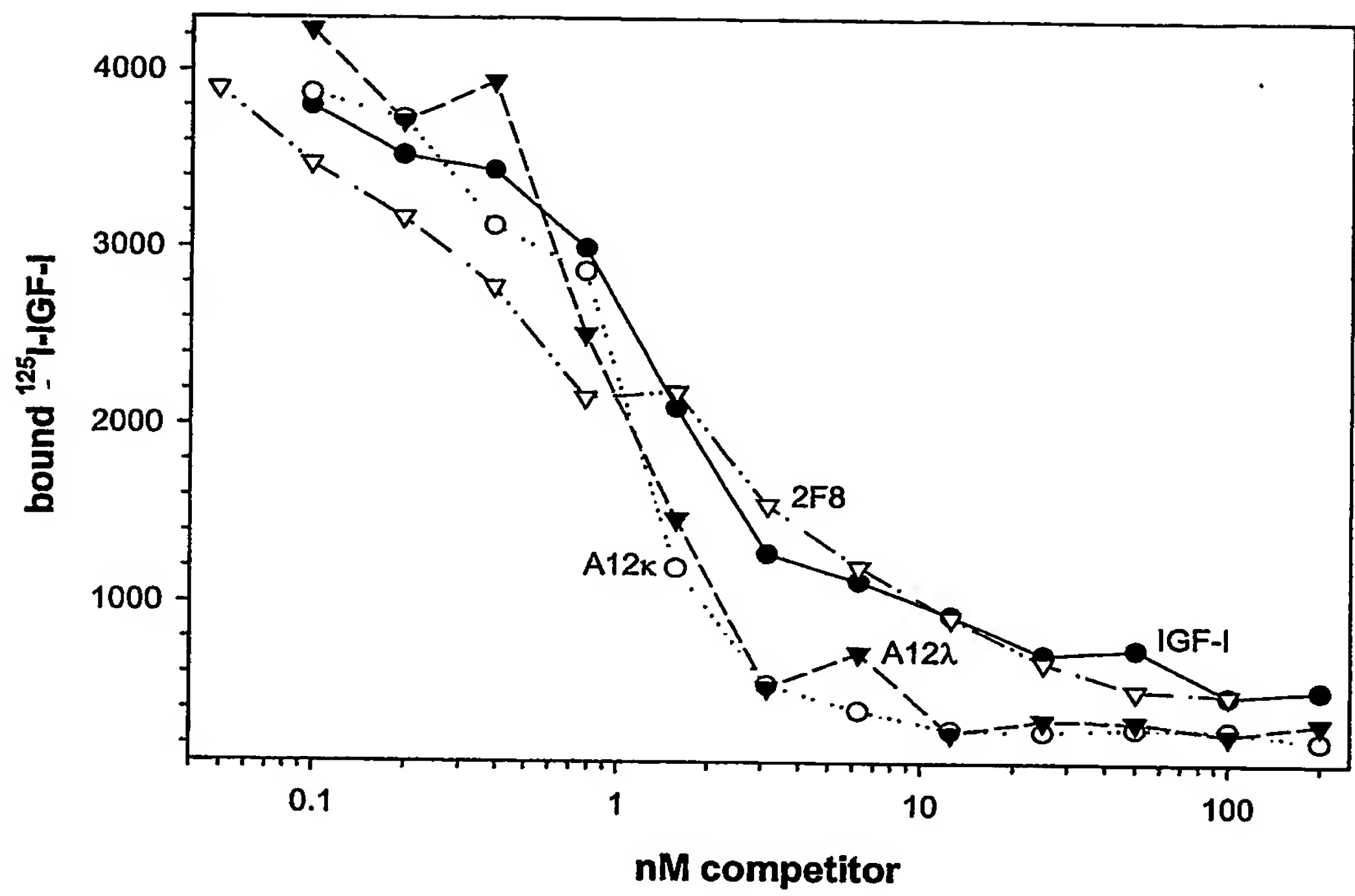


Figure 16

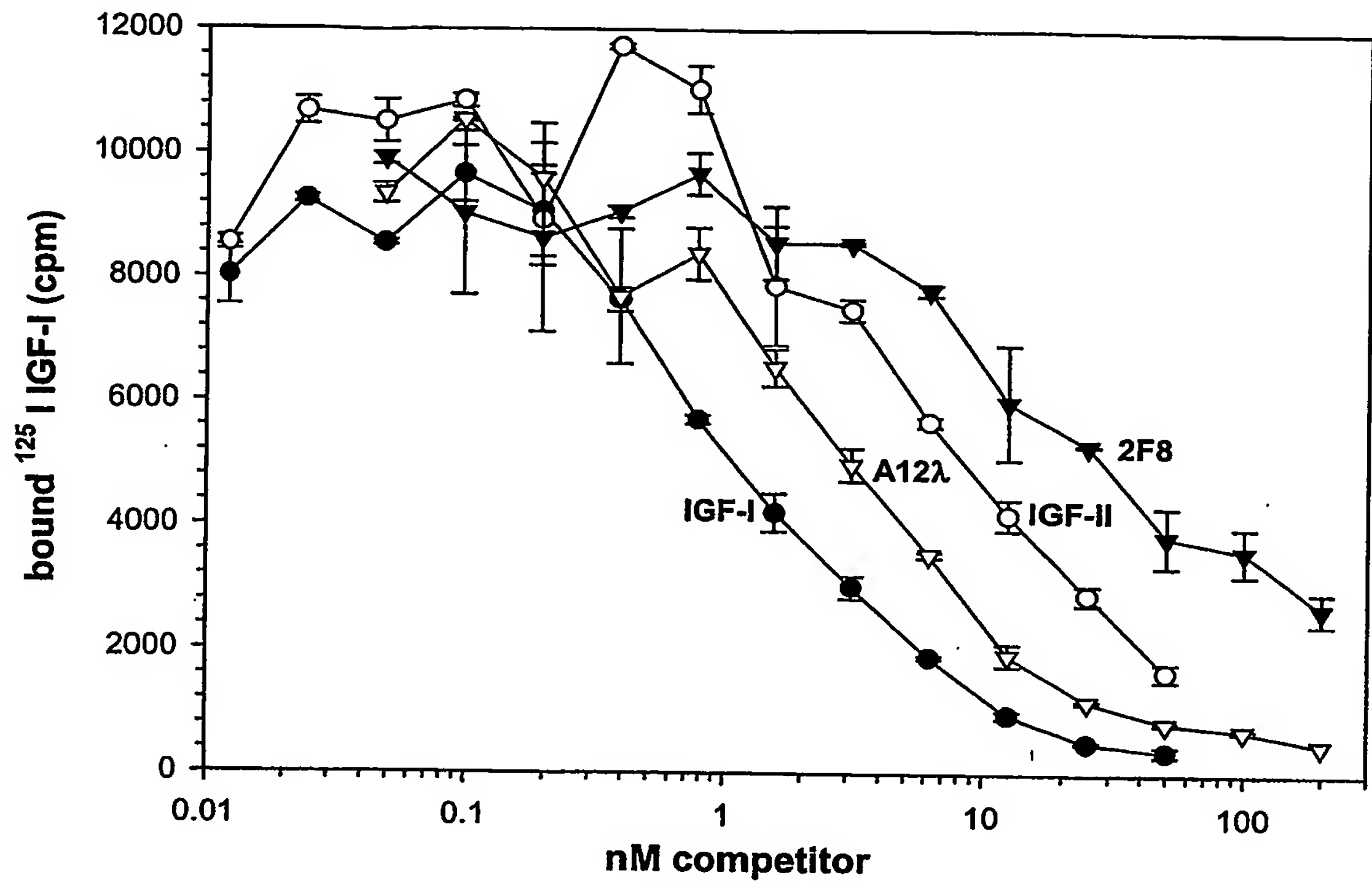


Figure 17

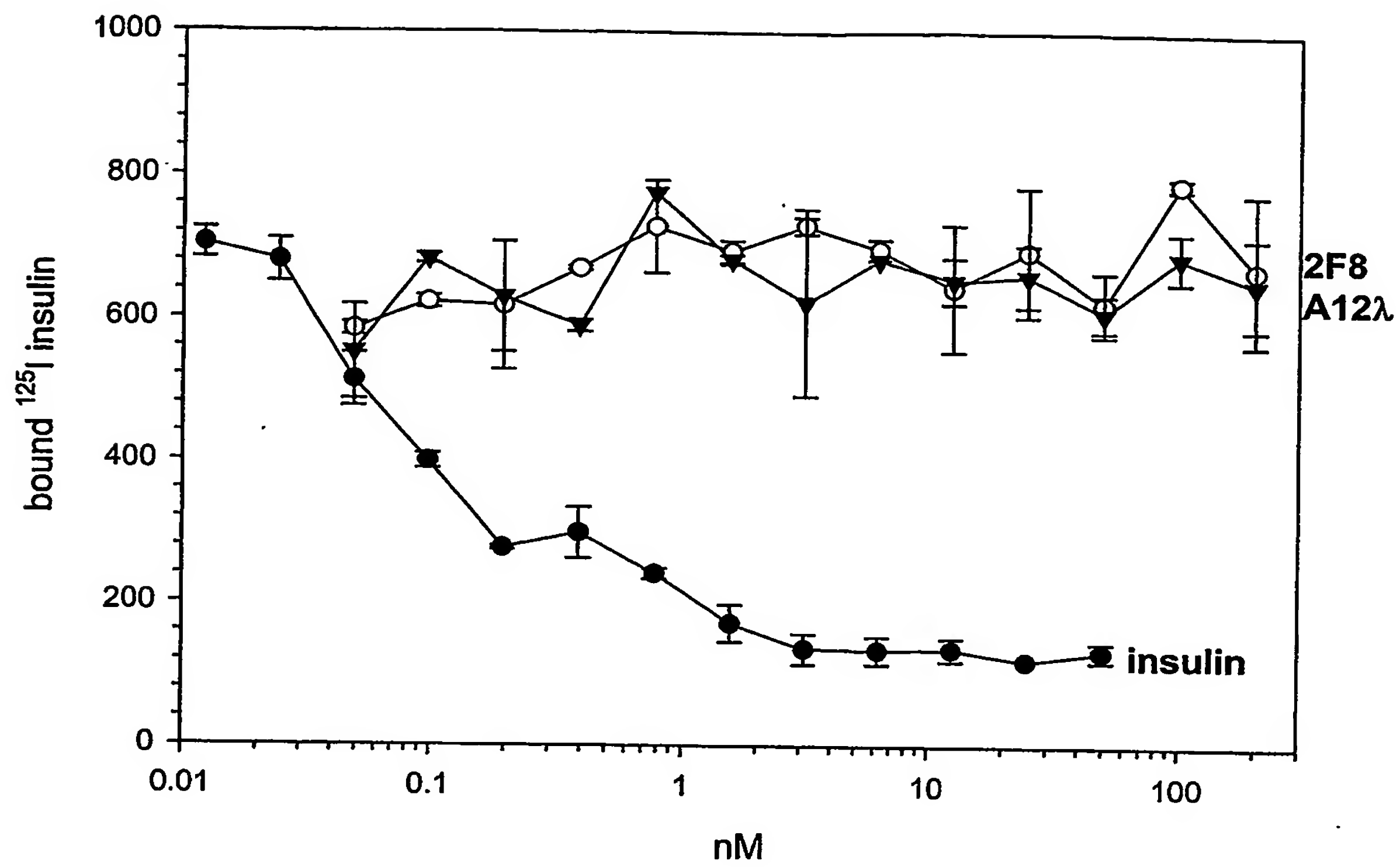


Figure 18A

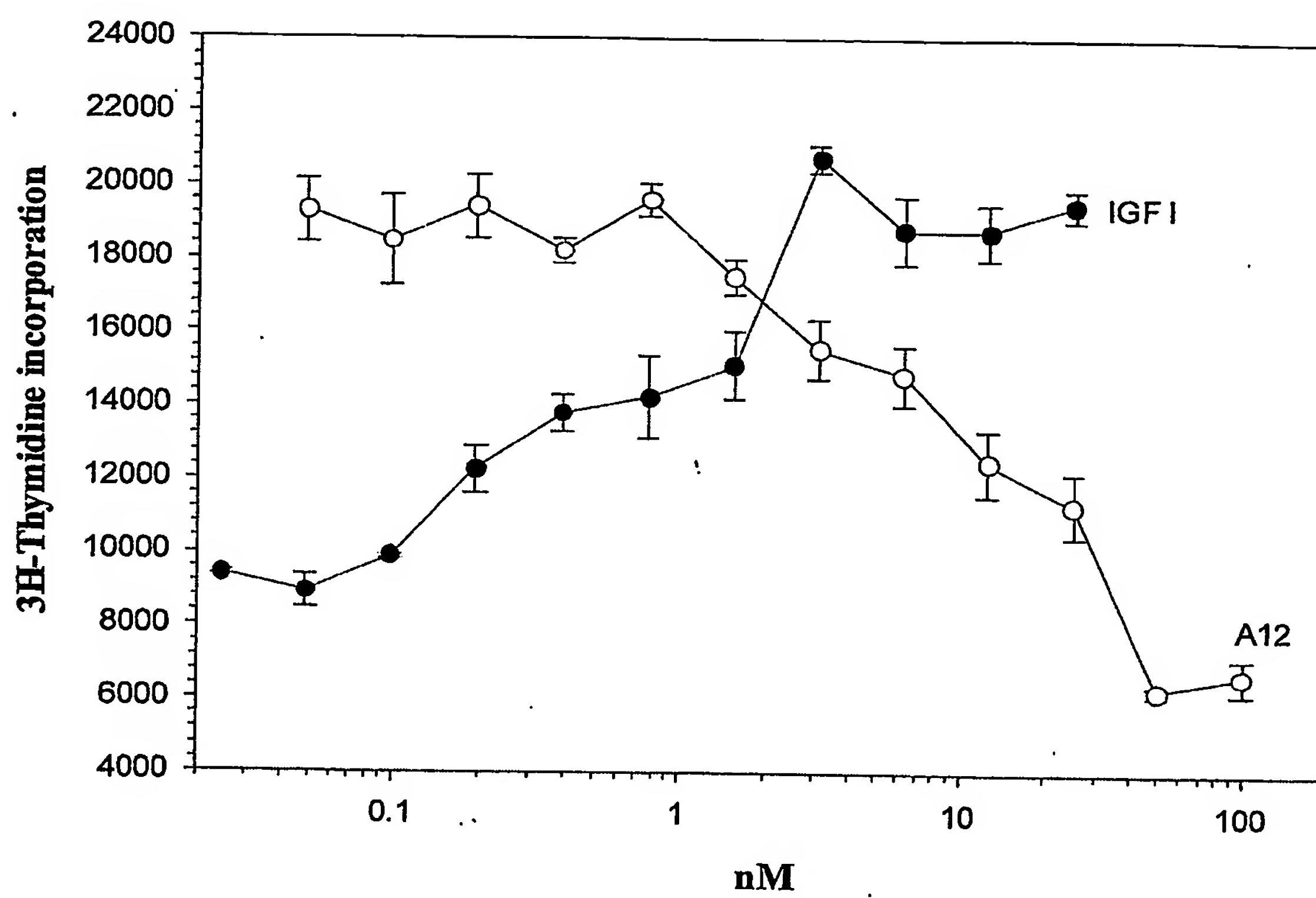


Figure 18B

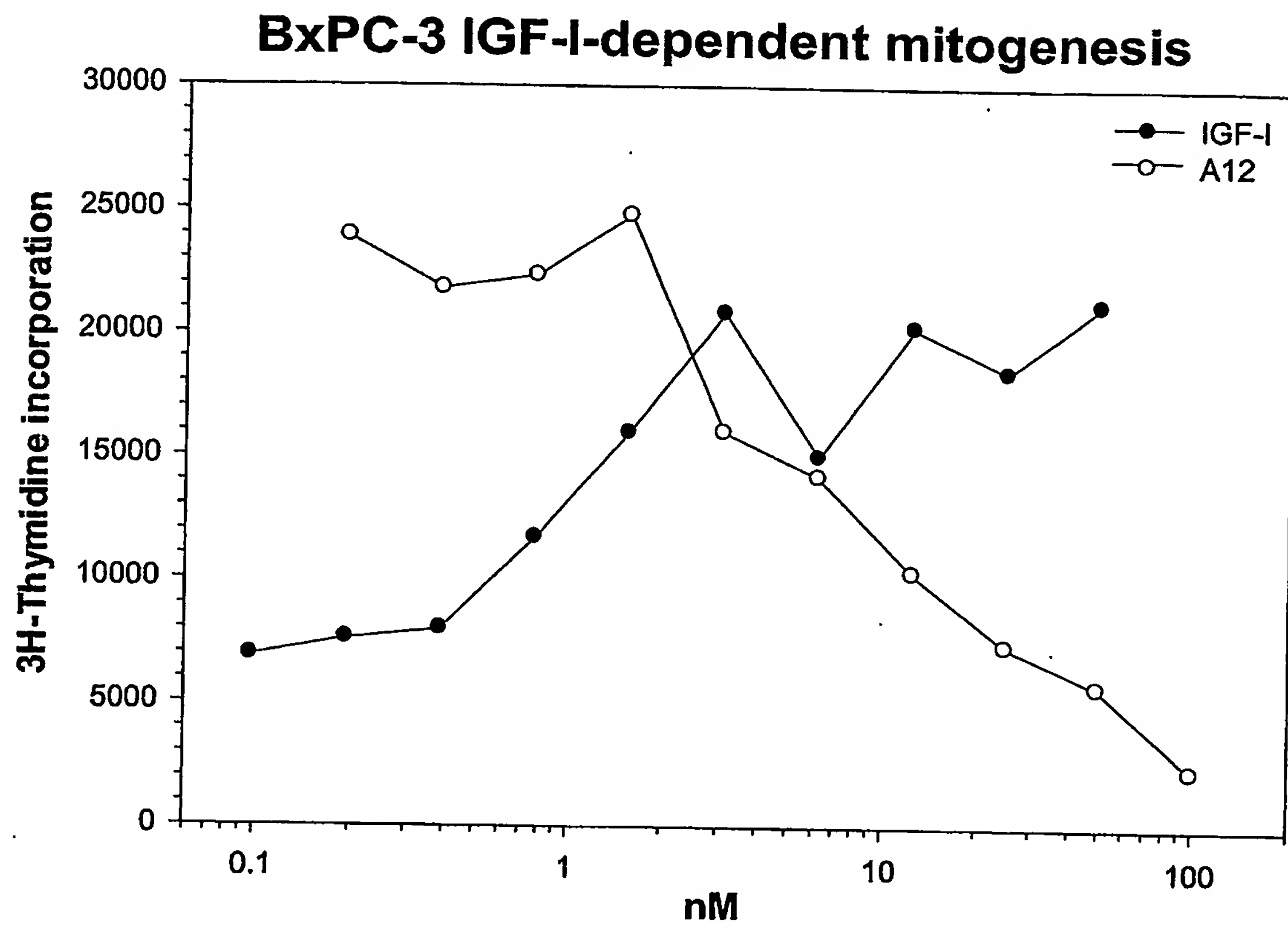


Figure 18C

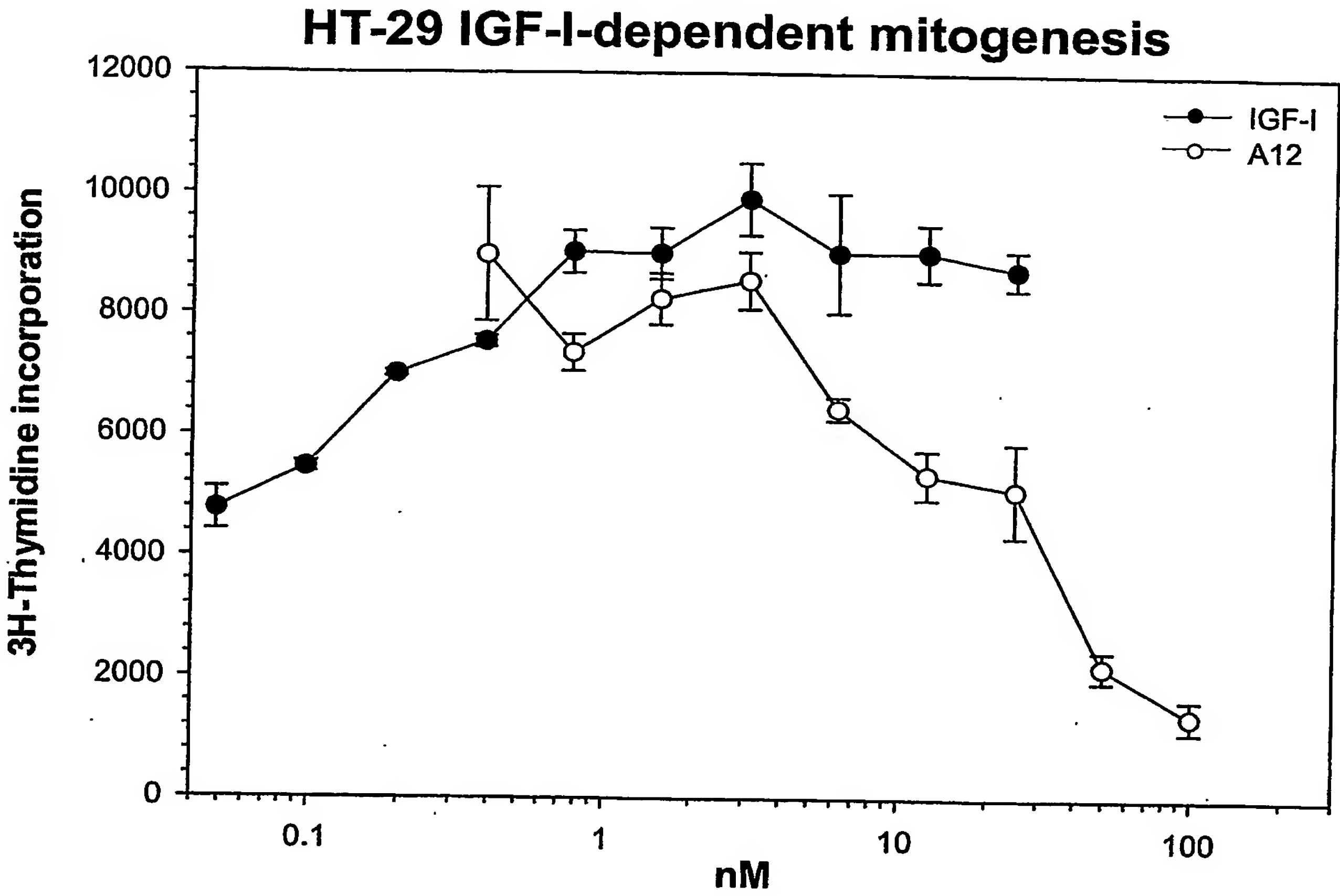


Figure 19A

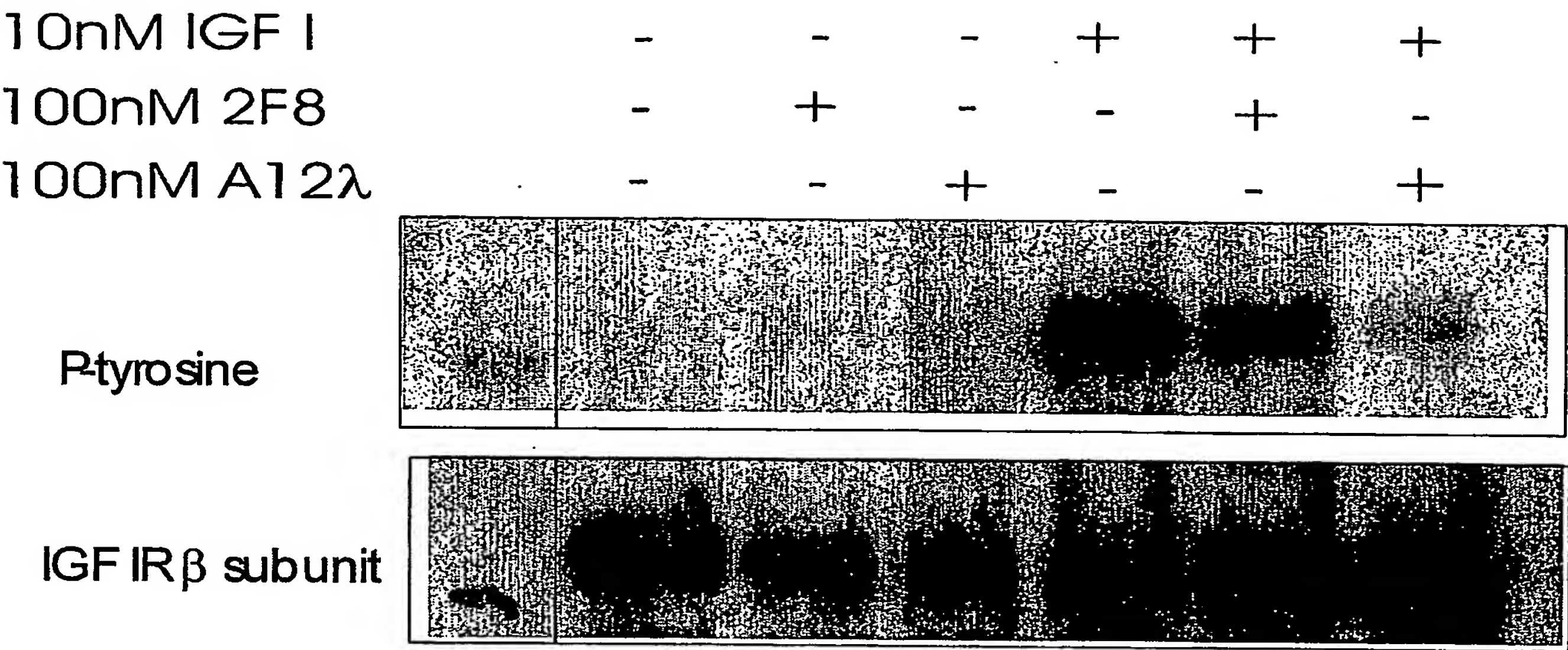


Figure 19B

IGF-I-dependent IGF-I receptor phosphorylation

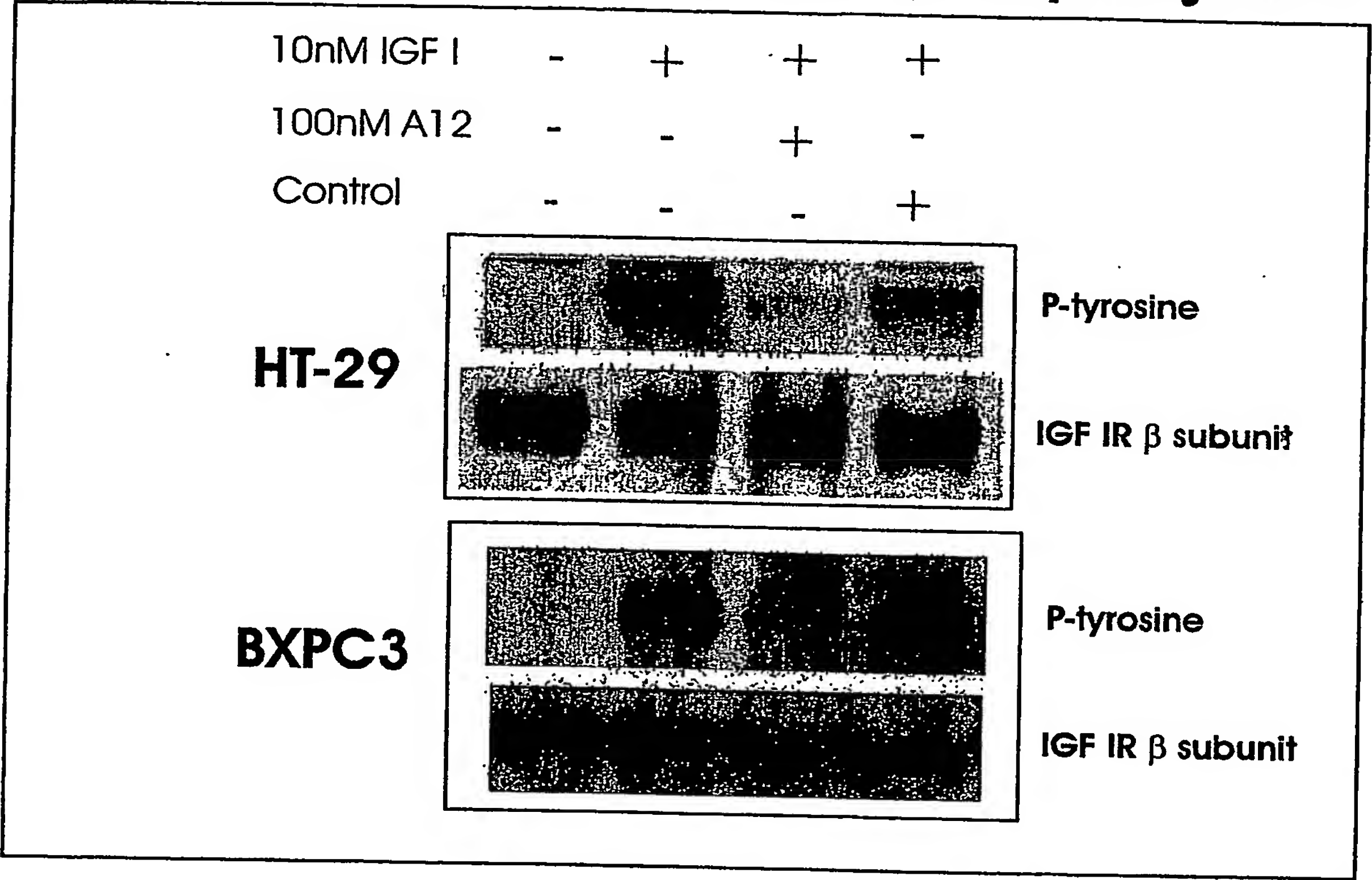


Figure 20A

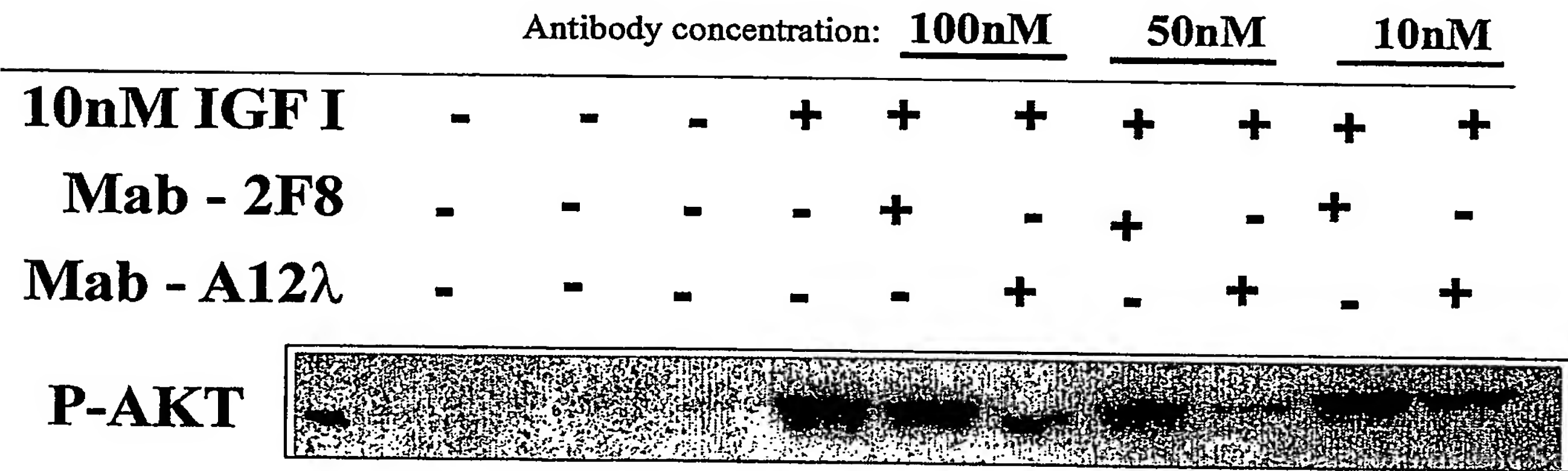
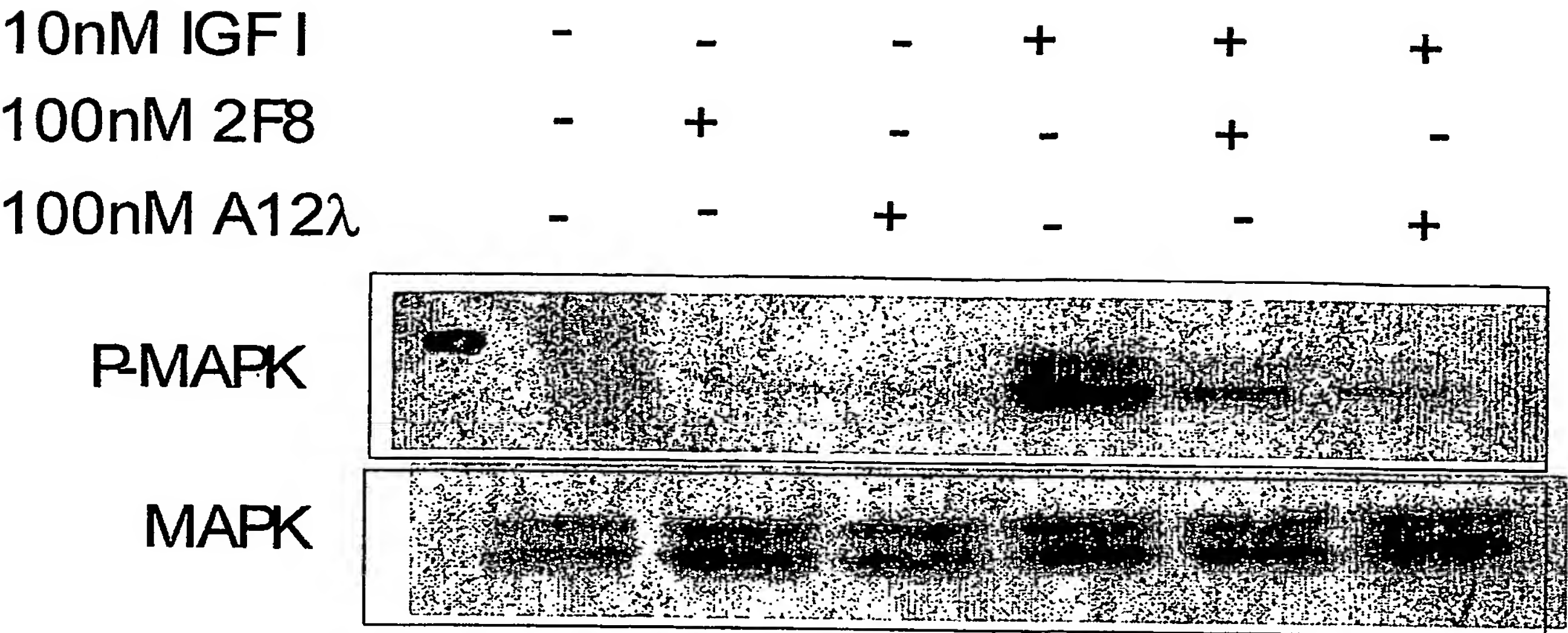


Figure 20B

Figure 21

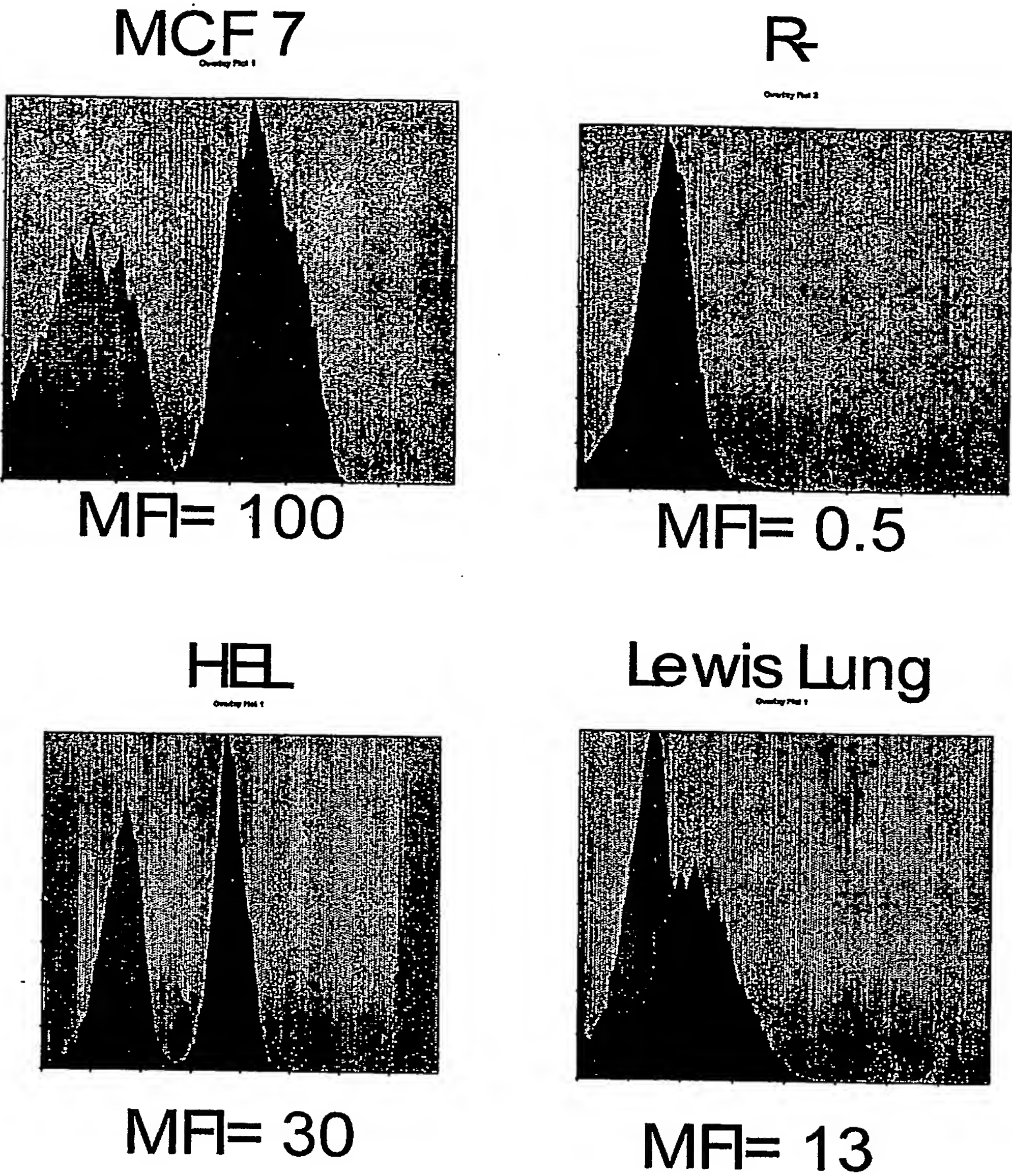


Figure 22A

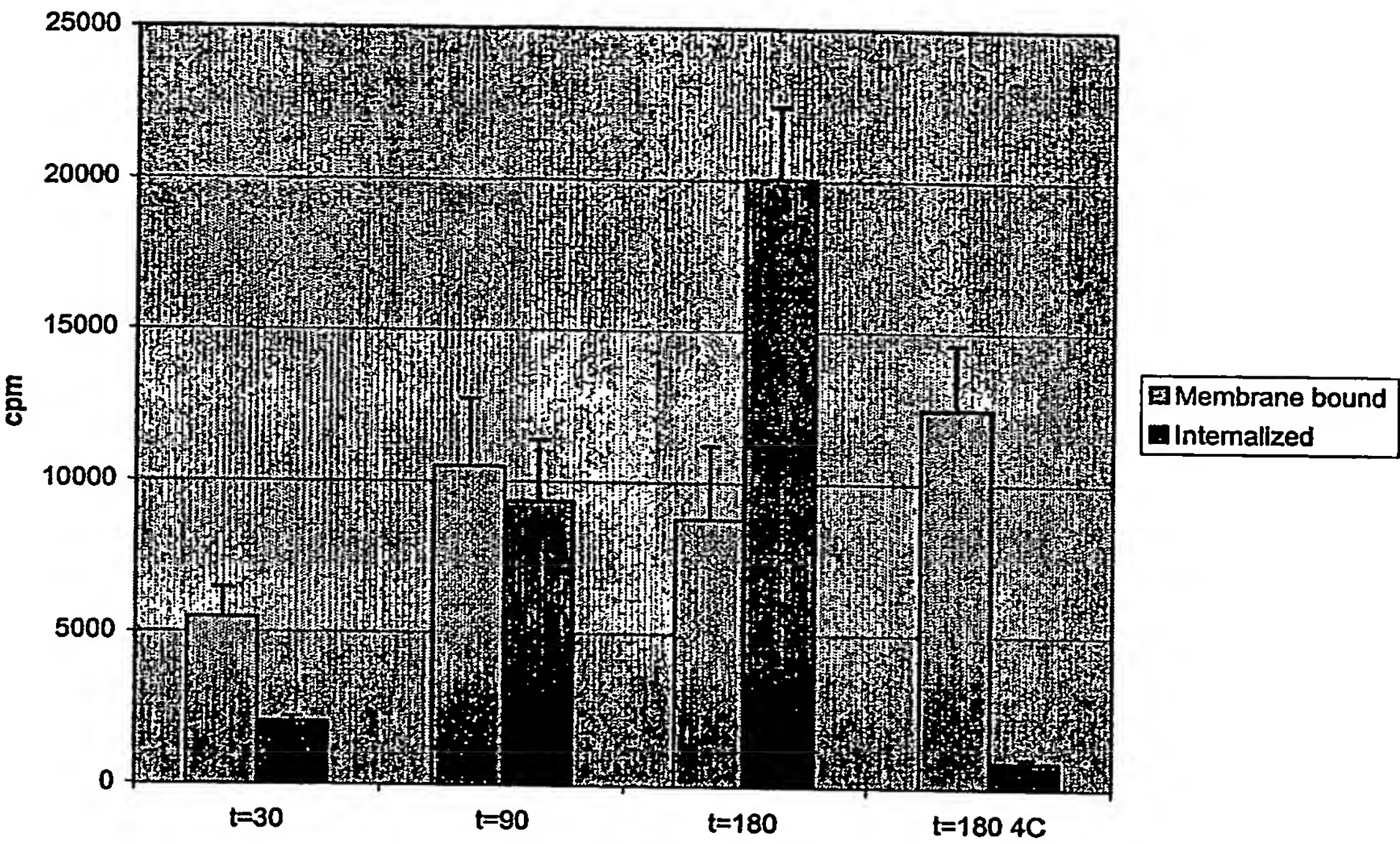


Figure 22B

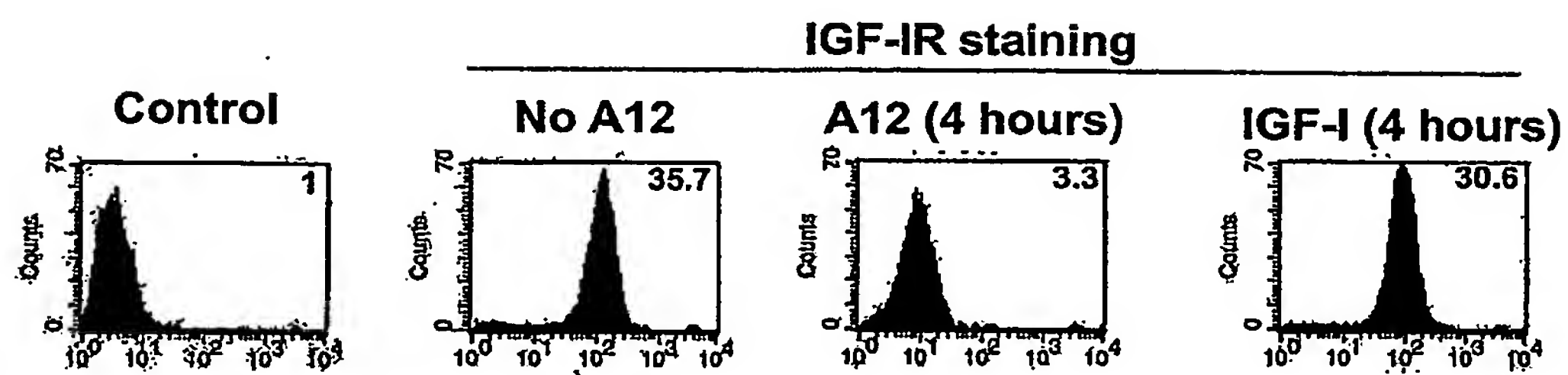


Figure 22C

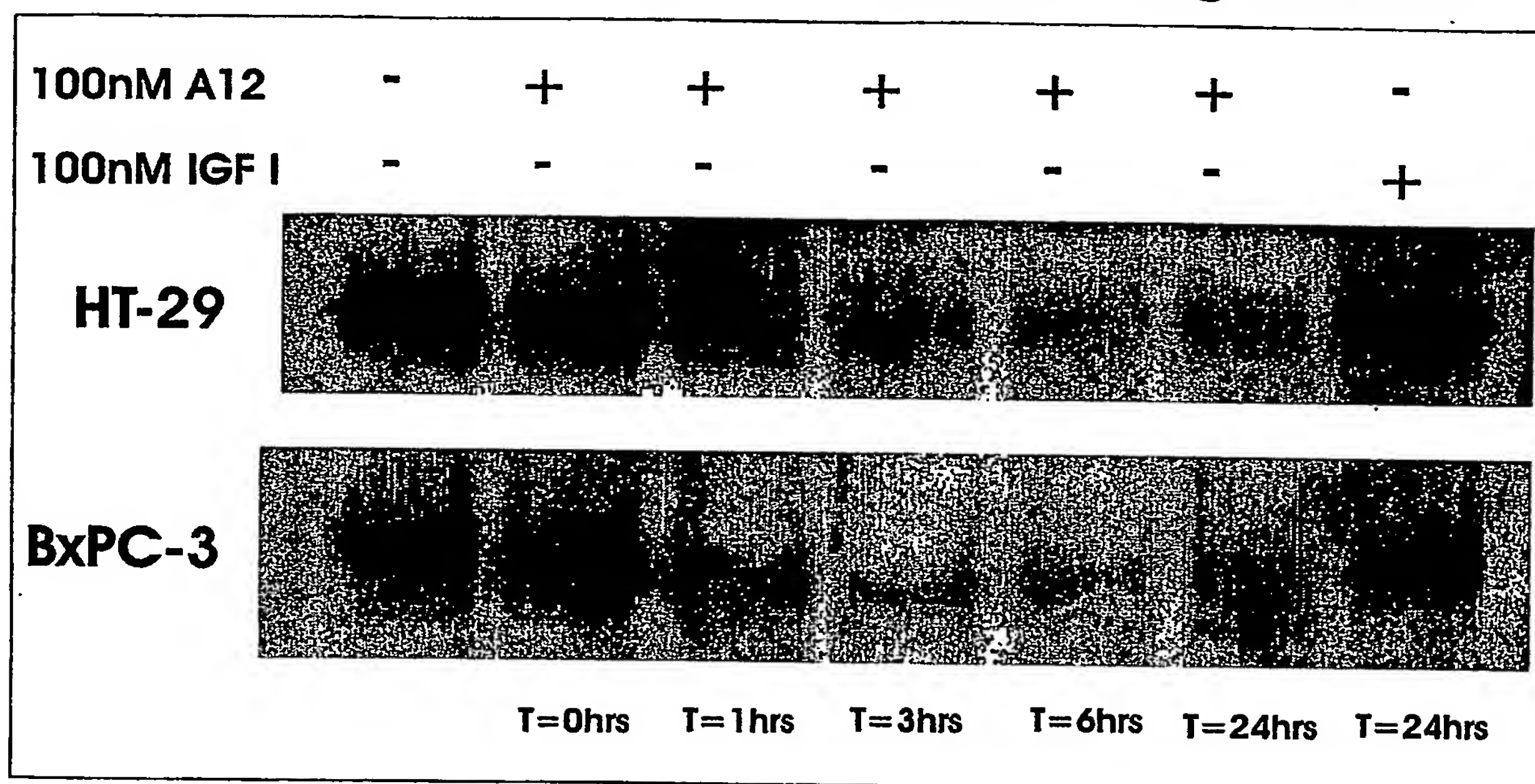
Antibody-mediated IGF-I receptor degradation

Figure 23

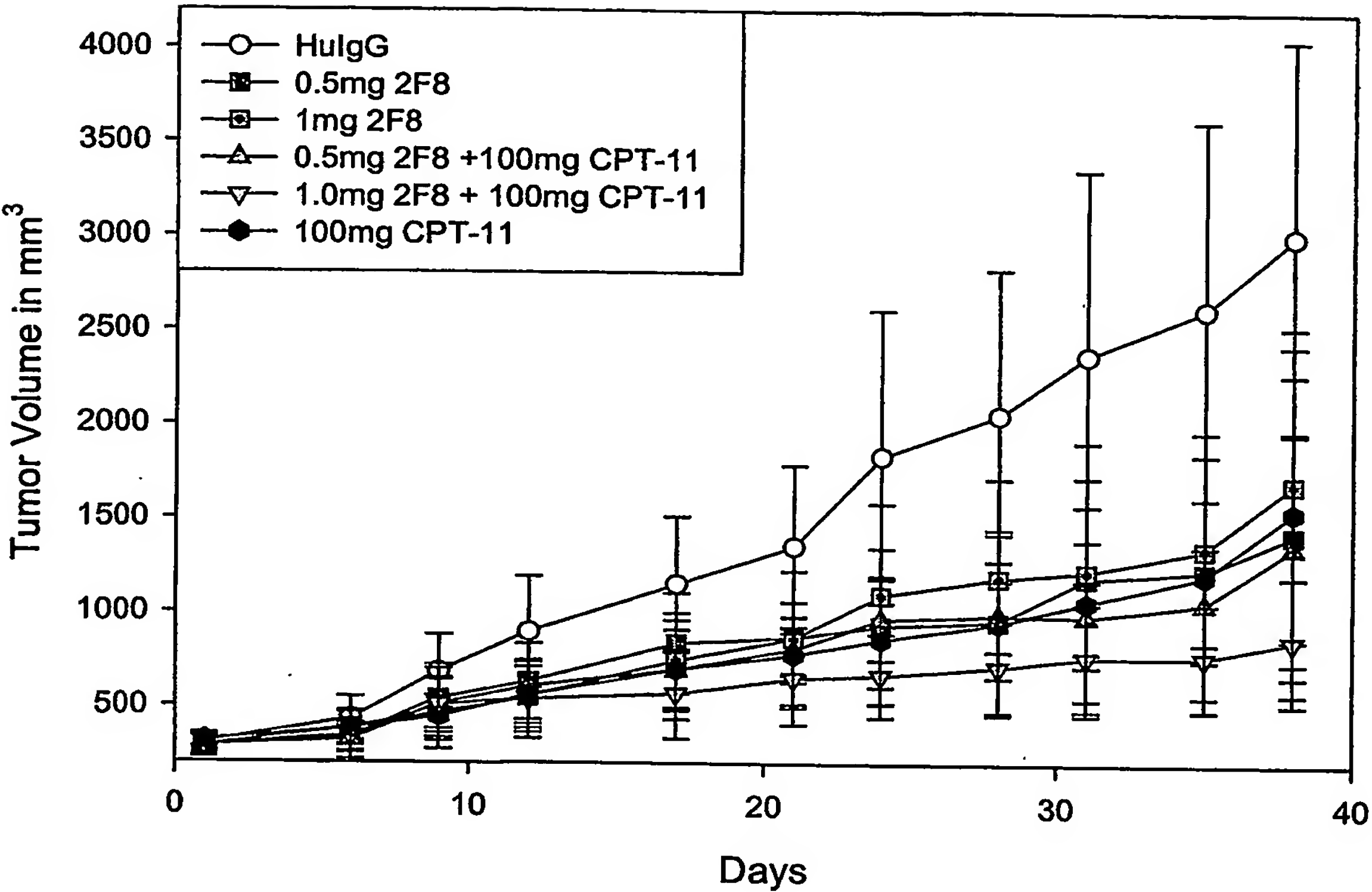


Figure 24

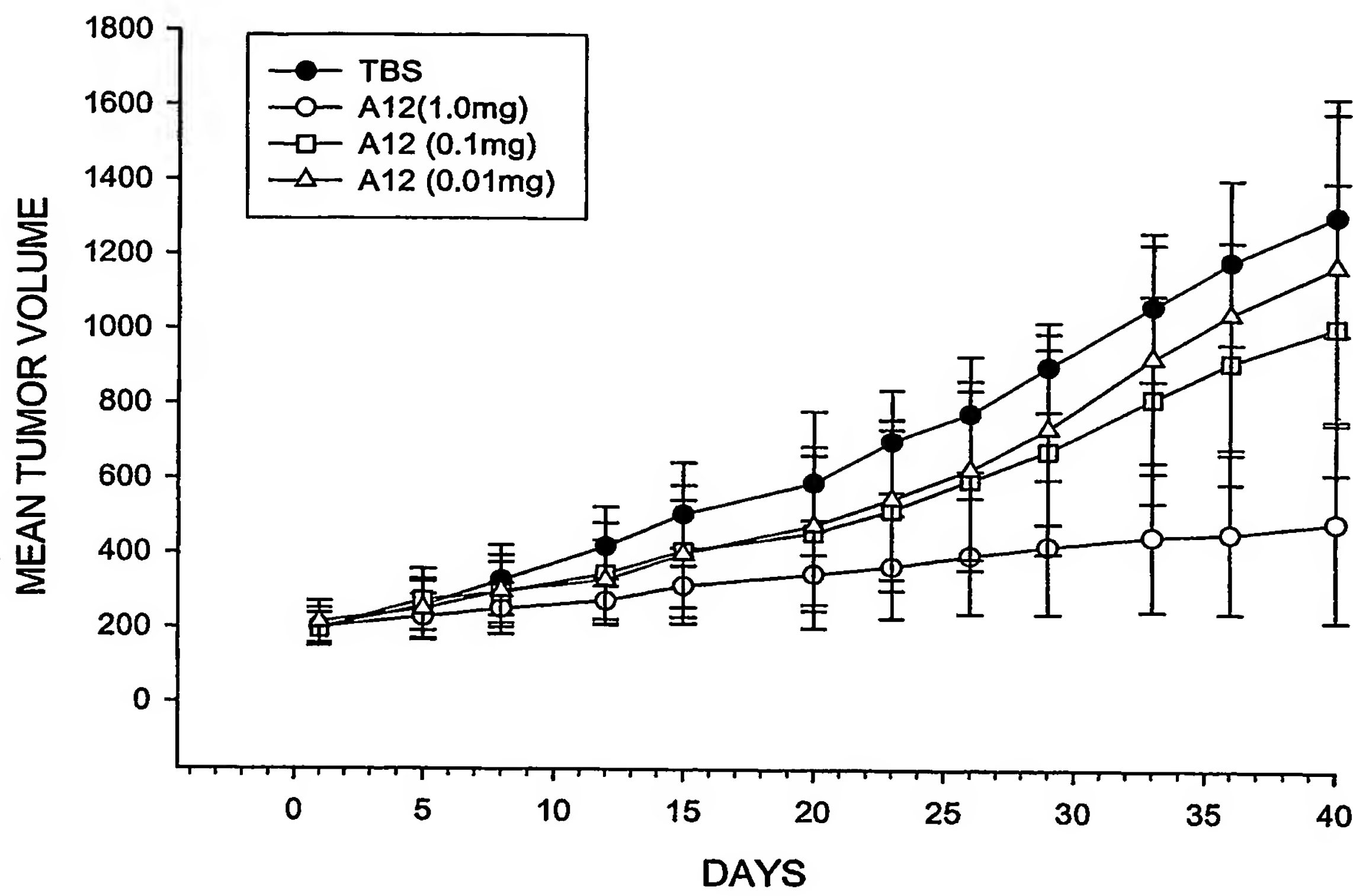


Figure 25:

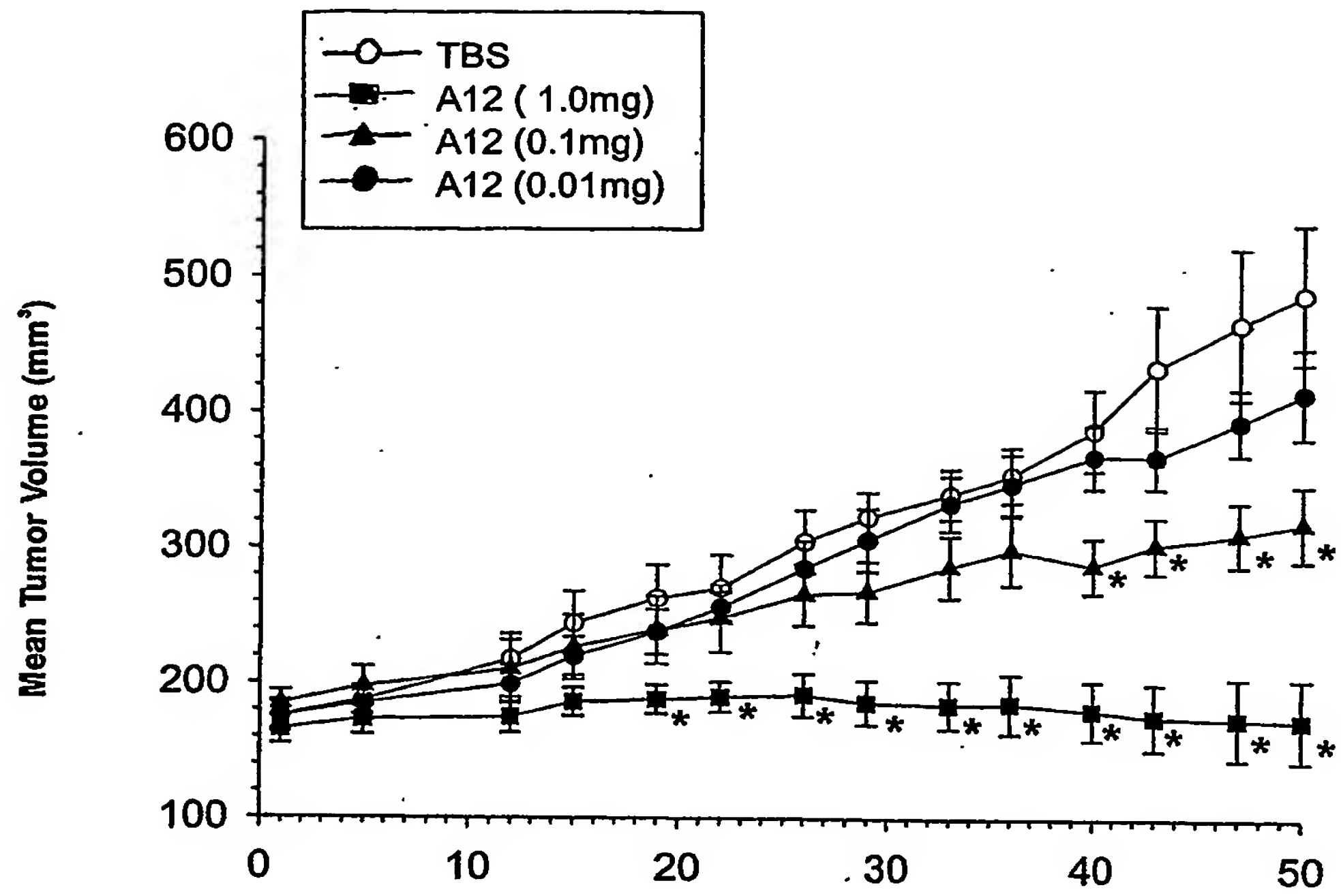


Figure 26

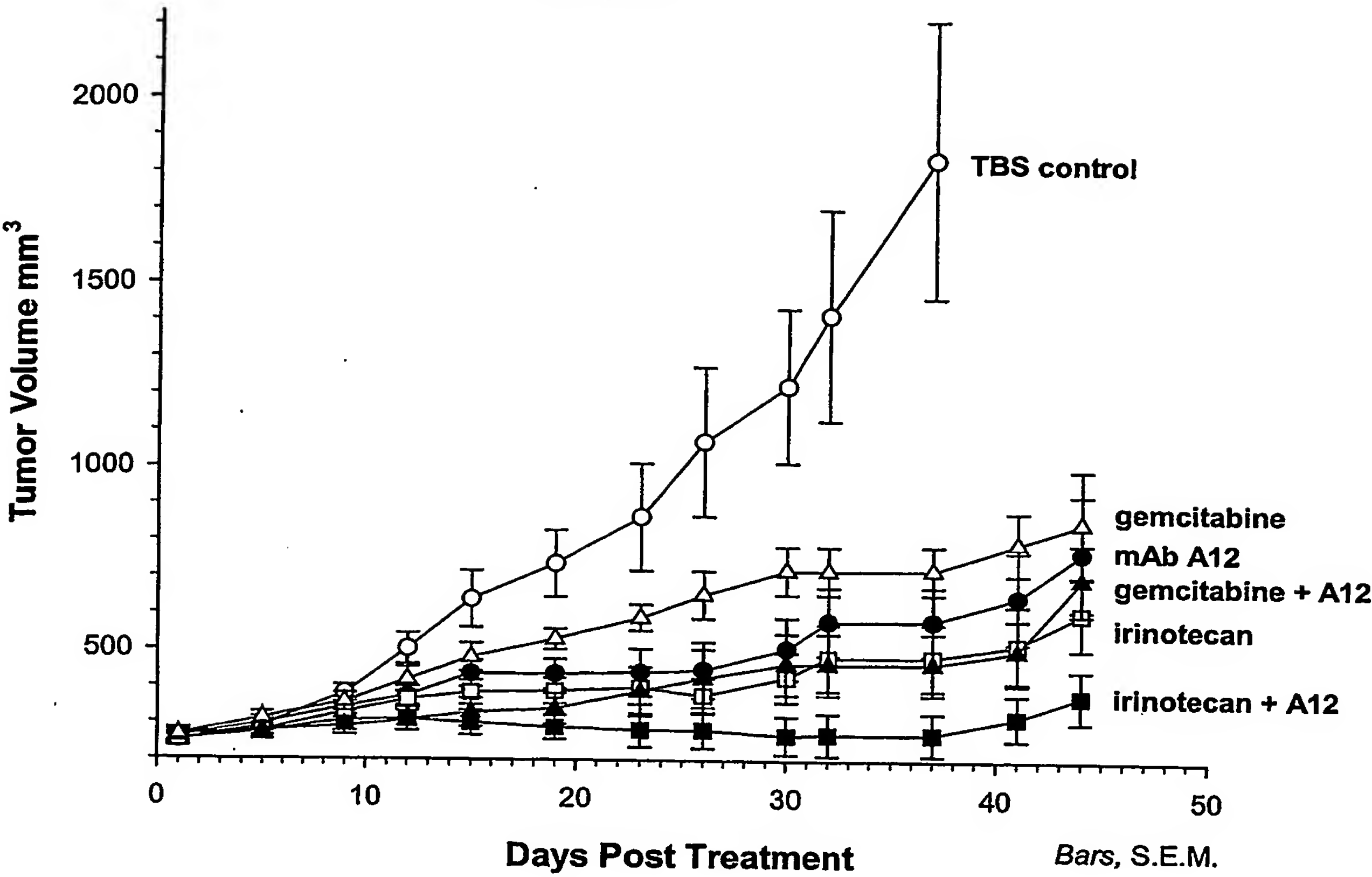
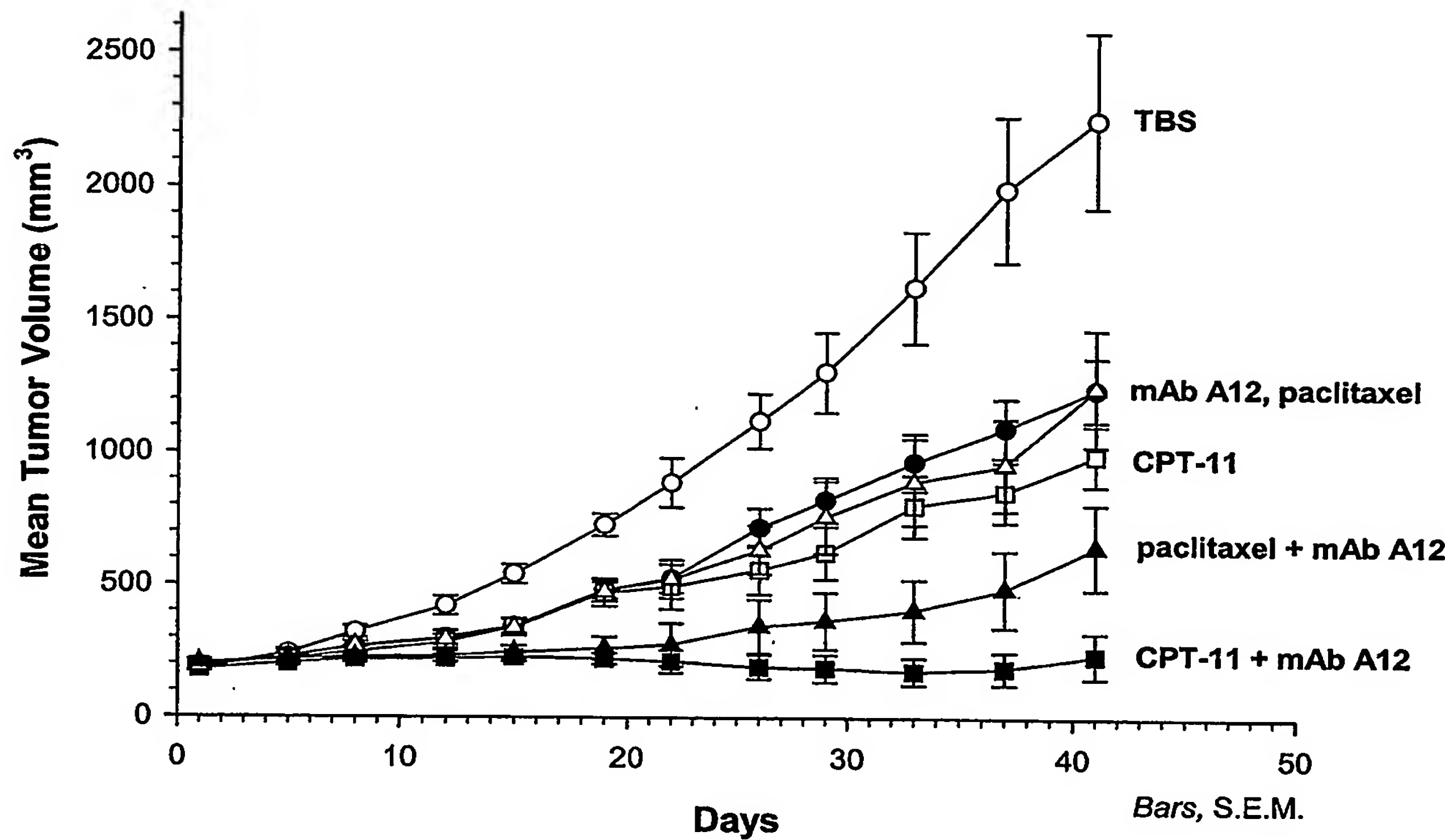


Figure 27



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